# AVer **300AFHD**

High-Definition Document Camera

## "Now Turbocharged with HDMI output!"

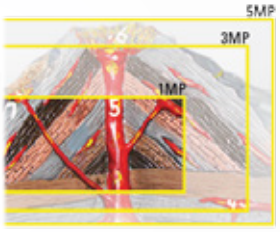
Got HDMI? Take advantage of your HD display technology! HDMI output, auto-focus and 30 frames per second display make the smallest details sharp and crisp! The 300AF series: the legacy document cameras that transformed learning nationwide.

- **Crystal clear image quality with 5MP sensor**
- **Quick response time Auto Focus**
- **Powerful 16x zoom/pan**
- **Embedded LED light module**
- **One button recording**
- **America's Best Doc Cam Warranty program.**

## HDMI. Oh my!

**New display? Take full advantage.**

Upgrading to new HD display technology? The 300AFHD's full 1080p (1920 x 1080) HDMI output allows connections to HD displays, taking full advantage of this feature-packed document camera's crystal clear video imagery.




**Mega impact**

The 300AFHD's 5MP, 16x zoom and one-touch auto focus combine to provide unsurpassed image quality with stunning detail in the shortest amount of time.

**A Sturdy Study**

With fully adjustable locking pieces, the neck and head of the 300AFHD easily rotate, swivel, expand and collapse for the perfect angle to display your worksheet, experiment or three dimensional objects.

**LED light module**

Usually when the projector is on, the lights are off. Since the 300AFHD can be connected to a projector, it has built-in LED lights in the camera head to illuminate and display the objects underneath beautifully.

**America's best doc cam warranty program**

The F33 has the industry's only 5-year bumper-to-bumper (all-inclusive) doc cam warranty with 5-year free 2-way RMA shipping and 5-year worry-free standard advanced replacement program.

**A+ Software Suite**

With AVer's A+ Software Suite, you can drive 300AFHD's features using your PC or Mac. Easily record lessons. Add annotations, highlights, arrows and captions. Integrate 300AFHD video streams into your PowerPoint or IWB. You can even upload recorded lessons to your favorite cloud-based share site.

# Specifications

## Image

| | |
|---|---|
| Sensor | 1/3.2" CMOS |
| Pixel Count | 5 megapixels |
| Effective Pixel | 2560 H x 1920 V |
| Frame Rate | 30 fps (max.) |
| White Balance | Auto / Manual |
| Exposure | Auto / Manual |
| Image Mode | Sharp / Graphics / Motion / Microscope |
| Effect | Color / B/W / Negative / Mirror / Rotate / Freeze |
| HDMI Output | HD1080P, HD720P |
| RGB Output | 1280x720, 1024x768, 1280x800, 1600x1200, 1920x1080, 1280x1024 |
| Composite Output | 720x480 (NTSC) |

## Optics

| | |
|---|---|
| Focus | Auto / Manual |
| Shooting Area | Max. 13.66" x 10.28" (347mm x 261mm) |
| Zooming | 16X Digital Zoom |

## Function

| | |
|---|---|
| Image Effect | Color / B&W / Negative / Mirror / Reverse / Freeze |
| White balance/exposure/night view | Auto / Manual |
| Picture-in-picture | Yes |
| Split Screen | Yes |
| Presentation Tools | Spotlight (Yes), Visor (Yes) |
| Capture Mode | Single / Continuous |
| Remote Control | Yes |
| Image Storage | 240 Frames(XGA) ; 80 Frames(5M Pixel) |
| Onboard AV Recording | Yes, SD/SDHC/USB |
| Onboard Annotation | Yes, works with any HID device (eg. USB Mouse) |

## Compatibility

| | |
|---|---|
| Operating Systems | Windows 7/8 (32/64 bit); Mac OS X 10.6 or above (Intel based) |
| AVer Software | AVer A+ Software Suite (Sphere 2, Microsoft Plug-in, Flash-Plug-in) |
| Interactive Whiteboard Compatibility | Yes with AVer A+ Software Flash Plug-in |
| MS PowerPoint, Word, Excel | Yes with Microsoft Plug-in (Windows only, MS PPT 2007 or above) |

## Power

| | |
|---|---|
| Power Source | DC 12V, 2A, 100-240V, 50-60Hz |
| Consumption | 10.8 Watts (lamp off); 12 Watts (lamp on) |

## Lighting

| | |
|---|---|
| Lamp type | LED light |

## Input/Output Connections

| | |
|---|---|
| HDMI Output | Yes |
| RGB Input | 15-Pins D-sub (VGA) |
| RGB Output | 15-Pins D-sub (VGA) |
| Composite Video | Thru mini-DIN & CVBS adapter |
| USB | Mini-USB (Connect to PC) / USB2.0 |
| SD | SD/SDHC (Up to 32GB) |
| DC 12V Input | Power Jack |
| MIC | Phone Jack (3.5mm) |
| Speaker | Phone Jack (3.5mm) |

## Dimensions

| | |
|---|---|
| Operating | 14.68" x 6.85" x 21.34"<br>373mm x 174mm x 542mm<br>(+/-2mm include rubber foot) |
| Folded | 14.45" x 6.85" x 3.89"<br>367mm x 174mm x 99mm<br>(+/-2mm include rubber foot) |
| Weight | 4.4 lbs (2kg) |

## External Storage

| | |
|---|---|
| Secure Digital (SDHC) | 1GB ~ 32GB (FAT32) |
| USB Flash Drive | 2GB ~ 64GB (FAT32) |

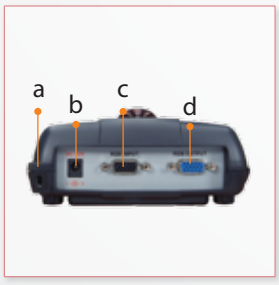
## Optional Accessories

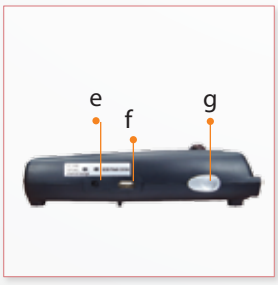
| | |
|---|---|
| Microscope Adapter | Part number: VISIFSEMA |
| Carrying Bag | Part number: VISIONPCC |
| Anti-Glare sheet | Part number: PANTIGLA1 (A5 size 8.26" x 5.84") |

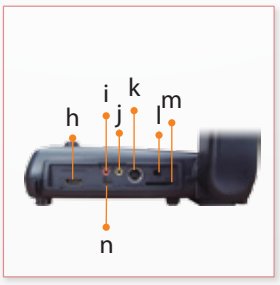
## Package Contents

300AFHD
RS-232/CVBS Adapter Cable
3' USB Cable (Mini Type)
RGB Cable
Power Adapter 12V/2A
User Manual & Software CD
Remote Control (including batteries)
Warranty Card & Quick Guide
User's Manual

## Parts and connections




- **a** Kensington slot
- **b** DC 12V
- **c** RGB in
- **d** RGB out
- **e** USB / PC switch
- **f** USB 2.0 port
- **g** power
- **h** HDMI out
- **i** MIC in
- **j** audio out
- **k** composite video output / RS -232
- **l** TV / RGB switch
- **m** SDHC card slot
- **n** mini USB 2.0 port for PC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